

6

BISBEE MUNICIPAL AIRPORT Bisbee, Arizona

AIRPORT MASTER PLAN - 1999 AIRPORT LAYOUT & DEVELOPMENT PHASING PLAN

PREPARATION OF THE AIRPORT LAYOUT PLAN (ALP)

The Airport Layout Plan (ALP) is a set of scaled drawings that depict the existing and ultimate proposed airport land and facilities.

All airport development carried out at Federally obligated airports (generally those which have received federal funding assistance grants within the past twenty years) must be done in accordance with an FAA-approved ALP.

A typical ALP drawing set consists of the following elements:

- ▶ the Title Sheet, including location and vicinity maps, the airport wind rose and wind data summary, standard Airport Data table, and approval blocks.
- ▶ the Airport Layout Drawing, which consists of a graphic depiction of the entire airport illustrating both the existing and ultimate development features.
- ▶ the Terminal Area Layout(s), which is a larger scale detail of the airport's terminal area.
- ▶ the Runway RPZ Area Plan & Profile sheets, consisting of detail drawings of each runway, extended to show the inner approach surfaces of each existing and ultimate runway end. The runways and approaches are depicted in both plan and profile, and any existing or ultimate obstructions to FAR Part 77 airspace are indicated.
- ▶ the Airport Airspace Drawing(s), which depicts all of the airport's ultimate FAR

Section 6: Airport Layout & Development Phasing Plan

Part 77 "imaginary surfaces". Any existing or ultimate obstructions are indicated.

- ▶ the Airport Property Map (or "Land Inventory Map"), which depicts the existing airport property along with any planned ultimate land acquisitions.
- ▶ the Airport Land Use Drawing, consisting of a map showing the land uses and/or zoning in the area within the airport's traffic pattern area. Existing and recommended ultimate land uses are shown.

The Airport Layout Plan set prepared for the Bisbee Municipal Airport includes all of the above listed elements. The Airport Land Inventory Map also includes specific horizontal and vertical control for the airport property and runway geometry.

The ALP was prepared based on the selected development alternate, Alternate 2. Major ultimate improvements include paving and extension of the crosswind runway (2-20) from 2,700' x 200' (dirt) to 3,900' x 60' (paved).

The Airport Layout Plan set (8 sheets) is included at the end of this section in reduced format. The full size (24" x 36") FAA-approved drawings are considered the official ALP, and a part of this Master Plan document.

DEVIATIONS FROM FAA STANDARDS

For federally funded airports, all existing facilities as well as improvements shown on the ALP must conform to the FAA design standards that existed at the time of plan approval, unless specific waivers are granted.

At the present time there is only one existing deviation from current FAA standards. The existing parallel taxiway (Taxiway A) was constructed at a center line offset of 175' from Runway 17-35. FAA Advisory Circular 150/5300-13 indicates that this dimension should be a minimum of 240' for ARC B-II class airports. An FAA "determination of no hazard" waiver has been requested.

There are no proposed facilities which will not conform with current FAA design, with the exception of the penetration of the ultimate 20:1 Approach Surface for the proposed Runway 2-20 extension by an existing power line along the west side of Bisbee Junction Road (see Sheet 6 of the Airport Layout Plan). The ALP recommends that the power line be dipped underground within the limits of the Approach Surface.

Section 6: Airport Layout & Development Phasing Plan

DEVELOPMENT PHASING PLAN

A general schedule of recommended improvements was presented in Section 3: Airport Facility Requirements. This general development program was broken down into three general development phases, as follows:

- ▶ Short Term - Immediate Term Subset (2000-2002)
- ▶ Additional Short Term Recommendations (2000-2005)
- ▶ Ultimate Term Recommendations (2006-2020)

In this section, these three general development phases have been further broken down as follows:

- ▶ Short Term - Immediate Term Subset Development Plan (2000-2002)
- ▶ Additional Short Term Development Plan (2000-2005)
- ▶ Intermediate Term Development Plan (2006-2010)
- ▶ Ultimate Term Development Plan (2011-2020)

Each of the development plan schedules have been broken down into annual projects.

The recommended detailed development program is described on the following pages.

Estimated costs for the recommended development are presented in Section 7: Financial Plan.

Section 6: Airport Layout & Development Phasing Plan

Short Term -
Immediate Term
Subset
Development Plan
2000-2002

2000 Decommission and remove the existing NDB.

Acquire Aviation Easements for the existing approaches to Runways 35 and 20.

Prepare engineering construction plans and specifications for pavement overlay of all existing airside pavements, including Runway 17-35, Parallel Taxiway A, Connector Taxiways A-1 through A-6, and the Aircraft Parking Apron, and for shoulder regrading as required. Design pavement to accommodate 30,000# aircraft design.

2001 Overlay all existing airside pavements, including Runway 17-35, Parallel Taxiway A, Connector Taxiways A-1 through A-6, and the Aircraft Parking Apron (2" Asphaltic Concrete). Regrate the runway and taxiway shoulders as required to provide a maximum of 1½" from the pavement edge to the shoulder.

Provide engineering services during construction.

2002 Prepare engineering construction plans and specifications for upgrading the Terminal Area water service and supply system.

Construct new facilities to upgrade the Terminal Area water service and supply system.

Provide engineering services during construction.

Section 6: Airport Layout & Development Phasing Plan

Additional Short Term Projects - Development Plan 2000-2005

-
- 2002 Prepare an Environmental Assessment for improvement and extension of Runway 2-20.
-
- Upgrade the Terminal Area sewer system.
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- Upgrade the Terminal Area electrical and telephone systems.
-
- Prepare engineering construction plans and specifications for installation of a Jet-A fuel storage and delivery system, and for an automated card controlled m for the 100LL and Jet-A systems.
-
- Construct the new Jet-A fuel storage and delivery system and card control systems.
-
- Provide engineering services during construction.
-
- 2003 Acquire fee land and Avigation Easements for the improved and extended Runway 2-20.
-
- Prepare engineering construction plans and specifications for paving and extension of Runway 2-20 (3,900' x 60') with design to accommodate 12,500# SWG aircraft. Include paved turnarounds and taxiways as shown on the ALP. Include relocation of Swan Road, placing power lines in the Runway 2 approach underground, and new guidance signage as required.
-
- Prepare engineering construction plans and specifications for construction of a new paved Taxiway A-2 extension to Runway 20 (35' pavement width), with design to accommodate 12,500# SWG aircraft. Include new guidance signage as required.
-
- Prepare engineering construction plans and specifications for construction of a paved access road and automobile parking for 36 cars.
-

Section 6: Airport Layout & Development Phasing Plan

2004 Construct paved and extended Runway 2-20 (3,900' x 60'). Relocate Swan Road and dip existing power lines along Bisbee Junction Road within the Runway 2 approach surface.

Provide engineering services during construction.

Construct new paved Taxiway A-2 extension to Runway 20 (35' pavement width).

Provide engineering services during construction.

Construct new paved access road and automobile parking for 36 cars.

Provide engineering services during construction.

Prepare engineering construction plans and specifications for construction of a Medium Intensity Taxiway Lighting (MITL) system for all taxiways service Runway 17-35.

2005 Construct the MITL system for all taxiways service Runway 17-35.

Provide engineering services during construction.

Prepare architectural and engineering plans and specifications for construction of a 5-place T-Shade structure, a new 1,375 sf Terminal Building, rehabilitation of Quonset Storage Building #2 and Hangar Building #4, and demolition of Hangar Building #3.

Construct the new 5-place T-Shade structure and Terminal Building. Rehabilitate Quonset Storage Building #2 and Hangar Building #4, and demolish Hangar Building #3.

Provide engineering services during construction.

Continued....

Section 6: Airport Layout & Development Phasing Plan

2005 projects continued....

Prepare architectural and engineering construction plans and specifications for extension of security fencing around hangar development sites, construction of a new fenced airport campground with restroom/shower building, 3 campsites, security lighting and potable water.

Construct the new campground and security fence extension.

Provide engineering services during construction.

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Intermediate Term Development Plan 2006-2010

2006 Prepare engineering and architectural construction plans and specifications for grading and drainage of 3 private hangar lots and an FBO hangar site (for private development), construction of a 4-place Tee Hangar structure, and construction of paved hangar access taxiways and a new FBO Ramp.

Grade and drain the hangar development areas and FBO development site. Construct new paved hangar access taxiways and an FBO Ramp. Construct 4-place Tee Hangar structure

Provide engineering services during construction.

2007 Prepare engineering construction plans and specifications for widening of Runway 17-35 from 60' to 75'.

Construct widening of Runway 17-35.

Provide engineering services during construction.

Prepare engineering construction plans and specifications for crack sealing, seal coat and pavement marking of all airport pavements.

Crack seal, seal coat and mark all airport pavements.

Provide engineering services during construction.

2010 Prepare engineering construction plans and specifications for installation of a Medium Intensity Runway Lighting (MIRL) system on Runway 2-20, and for MIRL on Taxiway A-2, and other serving taxiways. Include a new 7.5KW regulator installation.

Construct the new MIRL and MIRL systems on Runway 2-20 and its serving taxiways.

Provide engineering services during construction.

Section 6: Airport Layout & Development Phasing Plan

Ultimate Term Development Plan 2011-2020

2012 Prepare engineering construction plans and specifications for installation of Precision Approach Slope Indicators (PAPI) on the Runway 2 and 20 approaches.

Construct the new PAPI installations on Runways 2 and 20.

Provide engineering services during construction.

2015 Prepare engineering and architectural construction plans and specifications for grading and drainage of 2 private hangar lots, construction of a 4-place Tee Hangar structure, and construction of paved hangar access taxiways.

Grade and drain the hangar development areas. Construct new paved hangar access taxiways. Construct 4-place Tee Hangar structure

Provide engineering services during construction.

Prepare engineering construction plans and specifications for crack sealing, seal coat and pavement marking of all airport pavements.

Crack seal, seal coat and mark all airport pavements.

Provide engineering services during construction.

2020 Prepare engineering construction plans and specifications for crack sealing, seal coat and pavement marking of all airport pavements.

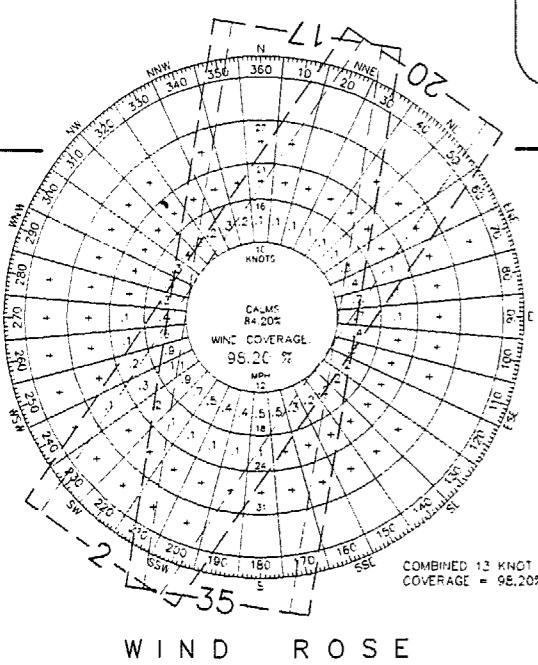
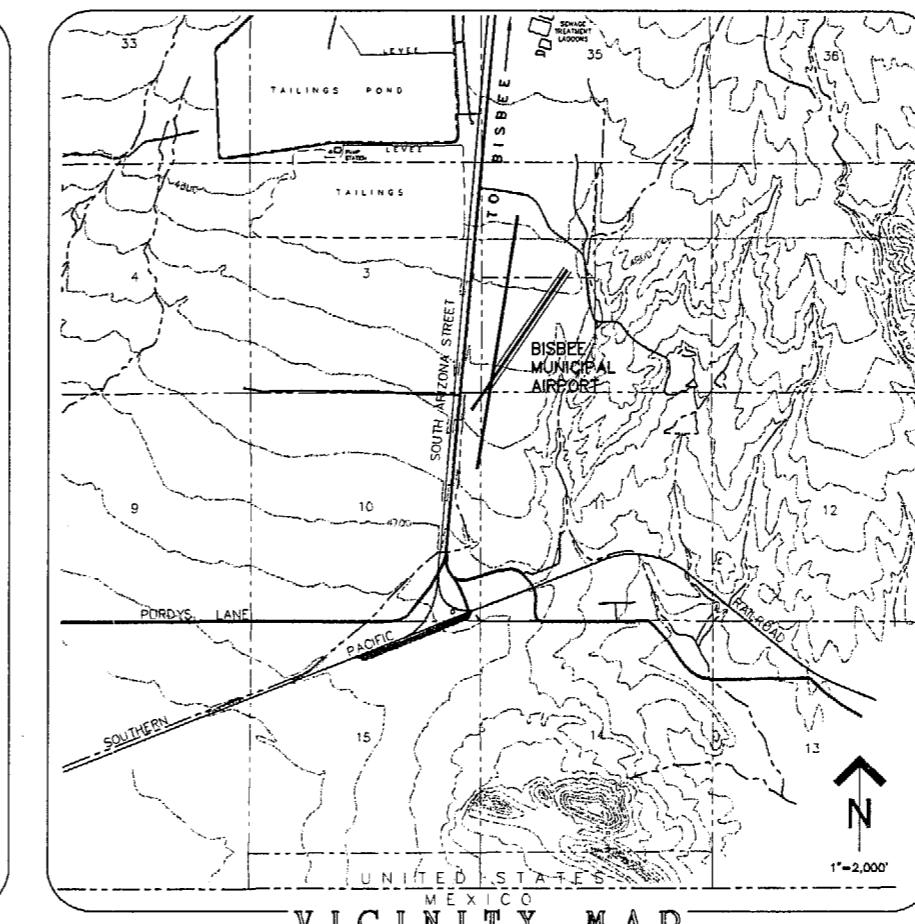
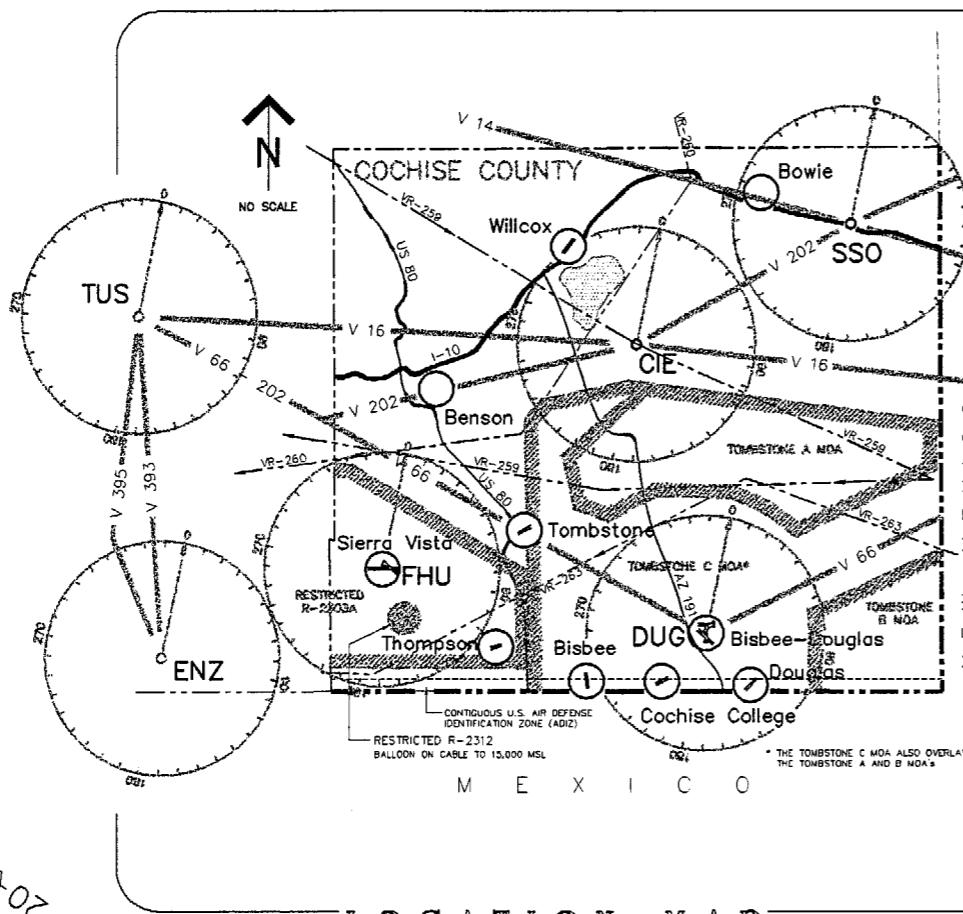
Crack seal, seal coat and mark all airport pavements.

Provide engineering services during construction.

AIRPORT LAYOUT PLAN

BISBEE MUNICIPAL AIRPORT

BISBEE, ARIZONA



WIND COVERAGE

SOURCE
U.S. WEATHER SERVICE RECORDS FOR BISBEE-DOUGLAS INTERNATIONAL AIRPORT
1986 - 1996

	ANNUAL 10.5 KNOT (12 mph) ALL WINDS	ANNUAL 13 KNOT (15 mph) ALL WINDS	ANNUAL 16 KNOT (19 mph) ALL WINDS
RUNWAY 17-35	91.80%	95.66%	98.80%
RUNWAY 2-20	94.14%	97.28%	99.44%
RUNWAY 17-35 AND 2-20	85.63%	98.20%	99.64%

REVISIONS

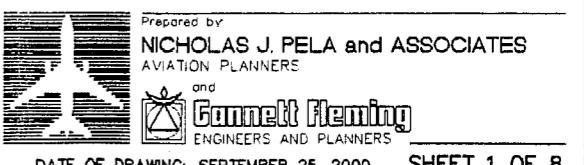
AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION ABOVE MSL	4,804.47'	4,804.64'
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE N 31°22'06.440" LONGITUDE W 109°52'56.678"	LATITUDE N 31°22'06.440" LONGITUDE W 109°52'56.678"
AIRPORT AND TERMINAL NAVIDS	NDB BEACON	NONE BEACON
MEAN MAX. TEMP. OF HOTTEST MONTH	89.9° JUNE	89.9° JUNE
AIRPORT REFERENCE CODE (ARC)	ARC B-II	ARC B-II
GPS APPROACH	NO	NO
DESIGN AIRCRAFT	BEECHCRAFT B-200 KING AIR	BEECHCRAFT B-200 KING AIR
	EXISTING	ULTIMATE
RUNWAY 17 - END OF PAVEMENT	LATITUDE N 31°22'34.188" LONGITUDE W 109°52'54.803"	LATITUDE N 31°22'34.188" LONGITUDE W 109°52'54.803"
RUNWAY 35 - END OF PAVEMENT	LATITUDE N 31°21'36.542" LONGITUDE W 109°53'05.625"	LATITUDE N 31°21'36.542" LONGITUDE W 109°53'05.625"
RUNWAY 2 - END OF PAVEMENT	LATITUDE N 31°21'58.507" LONGITUDE W 109°53'01.812"	LATITUDE N 31°21'58.507" LONGITUDE W 109°53'01.812"
RUNWAY 20 - END OF PAVEMENT	LATITUDE N 31°22'18.524" LONGITUDE W 109°52'44.271"	LATITUDE N 31°22'23.417" LONGITUDE W 109°52'40.351"

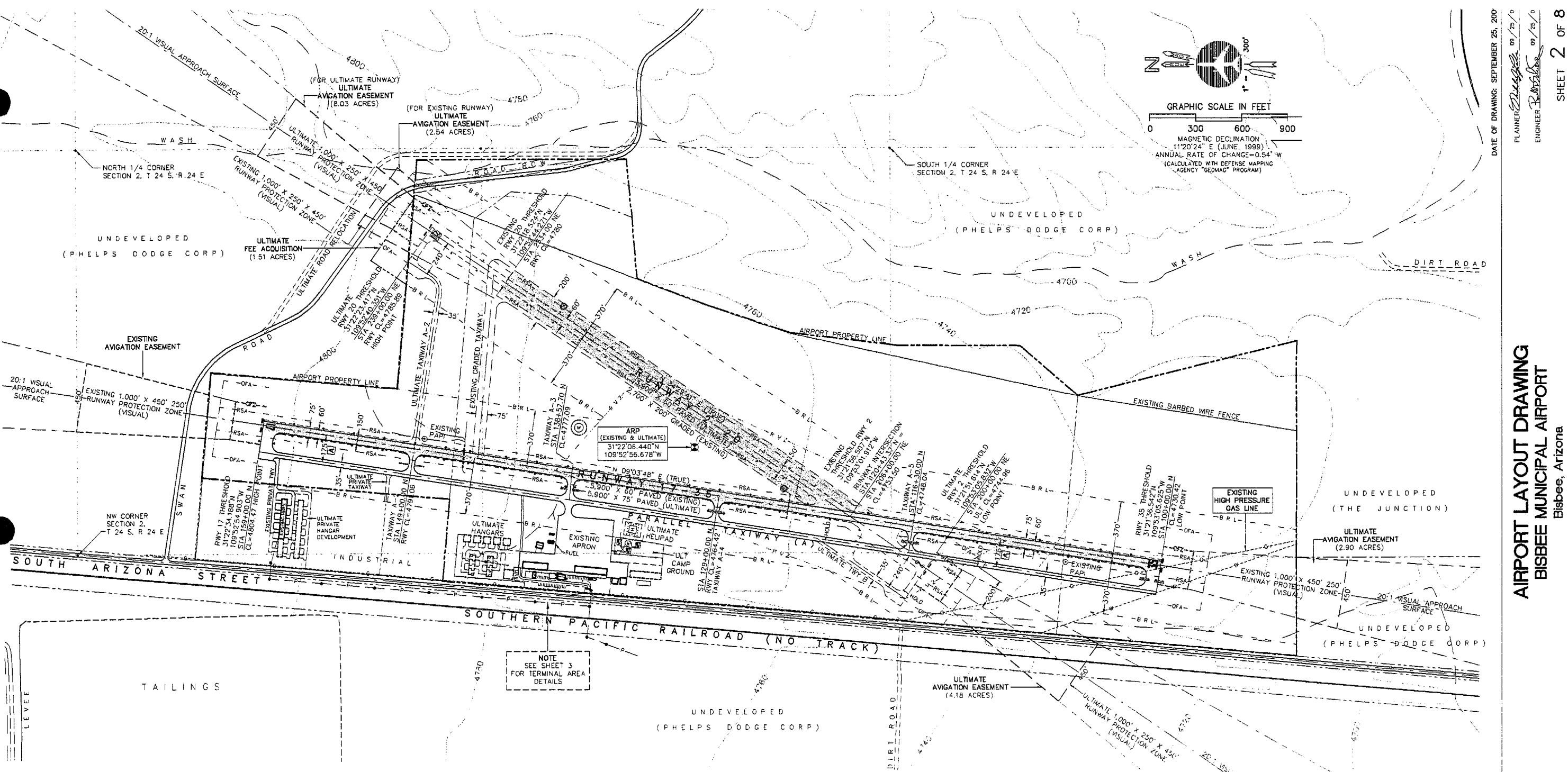
(1) SOURCE: CALCULATED FROM NAD 27 COORDINATES ON 1989 A.L.P. (CONVERTED TO NAD 83)

(2) SOURCE: CALCULATED FROM (1)

SUBMITTED	<i>Nicholas J. Pela</i> Nicholas J. Pela	APPROVED
		Date 09/25/00
SUBMITTED	<i>Frank L. Schreier, P.E.</i> Frank L. Schreier, P.E.	APPROVED
		Date 09/25/00



DATE OF DRAWING: SEPTEMBER 25, 2000 SHEET 1 OF 8



LEGEND	
EXISTING	ULTIMATE
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AIRPORT PROPERTY LINE (FEE OWNERSHIP)	
LEASED AREAS	
PAVEMENT EDGES	
BUILDING	
RUNWAY OBJECT FREE AREA (OFA)	
RUNWAY OBSTACLE FREE ZONE (OFZ)	
RUNWAY PROTECTION ZONE (RPZ)	
AIRPORT REFERENCE POINT (ARP)	
ROTATING BEACON	
WIND CONE OF TEE	
TREES AND BRUSH	
VISUAL APPROACH PATH INDICATOR (PAPI) VASI	
SWAMP (WETLANDS)	
FENCE	
ANTENNA	
POWER POLES	
LIGHT POLES	
RUNWAY SAFETY AREA (RSA)	
GROUND CONTOURS	
EASEMENTS	
BUILDING RESTRICTION LINES (BRL)	
RUNWAY VISIBILITY ZONE (RVZ)	
RUNWAY THRESHOLD AND EDGE LIGHTING	

N O T E S

1. THE ULTIMATE PROPERTY LINE SHOWN REPRESENTS THE MINIMUM LAND REQUIREMENTS TO ENCOMPASS THE ULTIMATE RUNWAY PROTECTION ZONES, RUNWAY VISIBILITY ZONE, AND F.A.R. PART 77 TRANSITIONAL SURFACES UP TO A HEIGHT OF 35'.
2. ALL LATITUDE/LONGITUDE COORDINATES SHOWN ARE NORTH AMERICAN DATUM OF 1983 (NAD 83).
3. RUNWAY 17-35, THE EXISTING APRON, PARALLEL TAXIWAY, AND TAXIWAYS A-1 THRU A-6 ARE PAVED WITH ASPHALTIC CONCRETE. RUNWAY 2-20 HAS A GRADED DIRT SURFACE.
4. TAXIWAYS A-1 AND A-6 ARE 63' WIDE. TAXIWAYS A-2 THRU A-5 ARE 35' WIDE.

REQUESTED MODIFICATIONS TO FAA STANDARDS

RUNWAY 17-35 CENTERLINE TO PARALLEL TAXIWAY "A" CENTERLINE OFFSET IS 175'.
A--- FAA AC 150/5300-12, PARAGRAPH 209, REQUIRES A 240' OFFSET FOR AN ARC B-1 VISUAL RUNWAY, OR 225' FOR AN ARC B-1 VISUAL RUNWAY.

SOURCE OF TOPOGRAPHIC DATA:

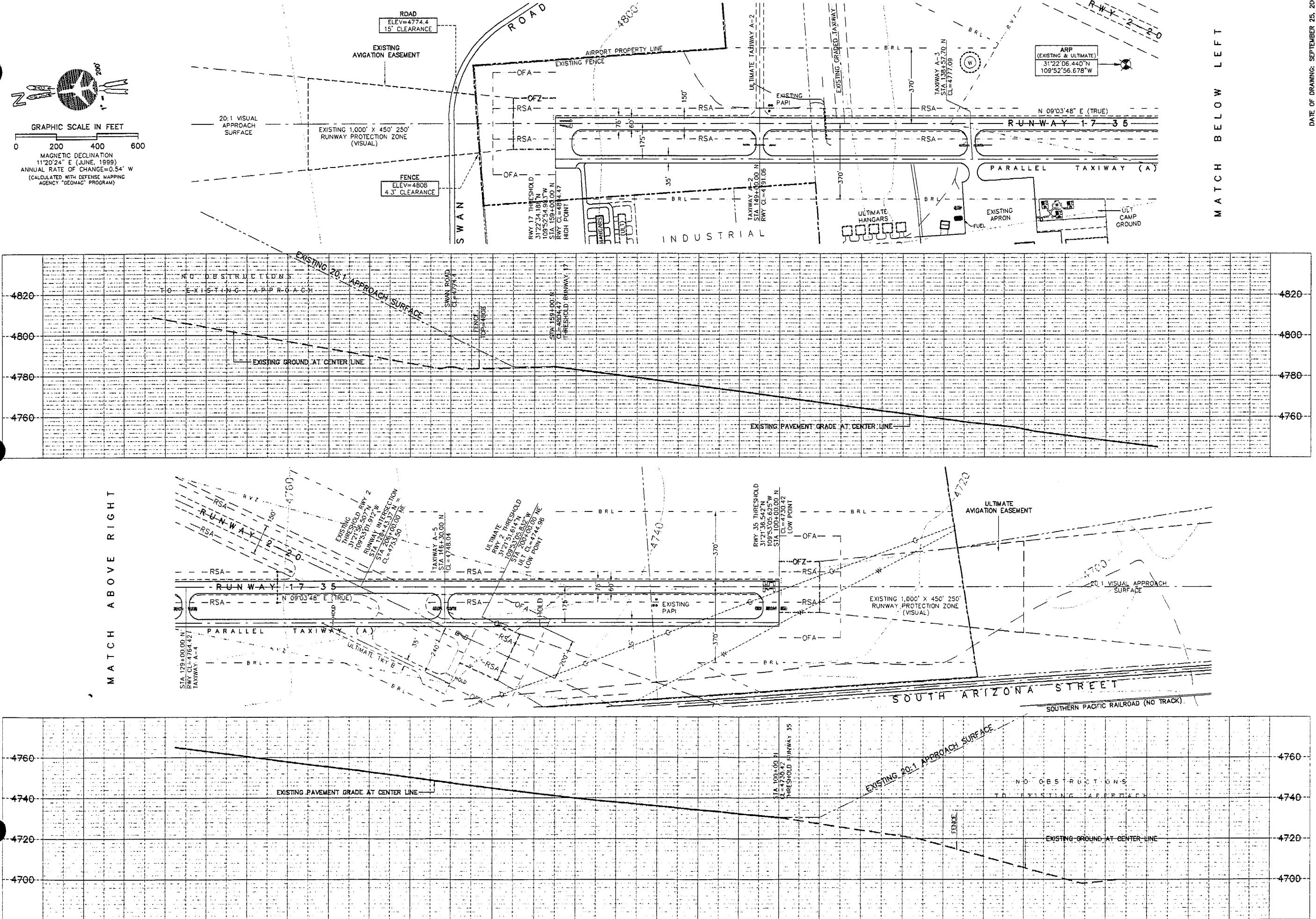
BISBEE 7.5' U.S.G.S. MAP, DATED 1958 - PHOTOREVISED 1976
BISBEE NE 7.5' U.S.G.S. MAP, DATED 1958 - PHOTO/INSPECTED 1976
BISBEE SE 7.5' U.S.G.S. MAP, DATED 1958

F A A A P P R O V A L			APPROVED City of Bisbee Date
			APPROVED Planning Advisory Committee Date
<p>THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS DOCUMENT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN, NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.</p>			
4			
3			
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7/1/86			DATE OF PRIOR ALP. APPROVAL BY F.A.A.
NO.	BY	DATE	CHANGE
R E V I S I O N S			

RUNWAY DATA TABLE		
	RUNWAY 17-35	RUNWAY 2-20
DESIGN CATEGORY (ARC)	EXISTING ARC E-I (7) 5,000' X 80'	ULTIMATE ARC E-II (7) 5,000' X 75'
RUNWAY DIMENSIONS (g)	N 08°31'48"E 12,500' SWG (d)	N 08°31'48"E 30,000' SWG (d)
RUNWAY TRUE BEARING	6,500' X 150'	6,500' X 150'
PAVEMENT STRENGTH	300'	300'
RUNWAY SAFETY AREA (RSA) (g)	500'W X 300'L	500'W X 300'L
RSA LENGTH BEYOND RUNWAY END	250'W X 200'L	250'W X 200'L
OBJECT FREE AREA (OFA)	MIRL	MIRL
OBSTACLE FREE ZONE (OFZ)	BASIC / VISUAL 1.20%	BASIC / VISUAL 1.26%
RUNWAY LIGHTING	VISUAL	VISUAL
RUNWAY MARKING		
EFFECTIVE GRADIENT (%)		
TYPE OF APPROACH		
APPROACH SLOPES		
MAXIMUM ELEVATION ABOVE MSL	17-20: 1 35-20:1 4804.47	17-20: 1 35-20:1 4804.64
RUNWAY NAVAIDS AND VISUAL AIDS	PAPI	PAPI
FAR PART 77 CATEGORY (e)	17-V / 35-V	17-V / 35-V
WIND COVERAGE (10.5 KNOT) (d)	91.80%	91.80%
WIND COVERAGE (13 KNOT) (d)	95.66%	95.66%
(a) SWG = SINGLE WHEEL GEAR	(e) EXISTING CRITICAL AIRCRAFT = CESSNA 182	
(b) DWC = DOUBLE WHEEL GEAR	(f) ULTIMATE CRITICAL AIRCRAFT = B-200 KING AIR	
(c) P=Precision(GPS) / NP=Nonprecision(VOR / GPS) / V=Visual	(g) LENGTHS ARE ROUNDED TO NEAREST FOOT	
(d) 10.5 KNOTS = 12 MPH / 13 KNOTS = 15 MPH		

as reported by
NICHOLAS J. PELA and ASSOCIATES
AVIATION PLANNERS
and
**Gammell Fleming**

2



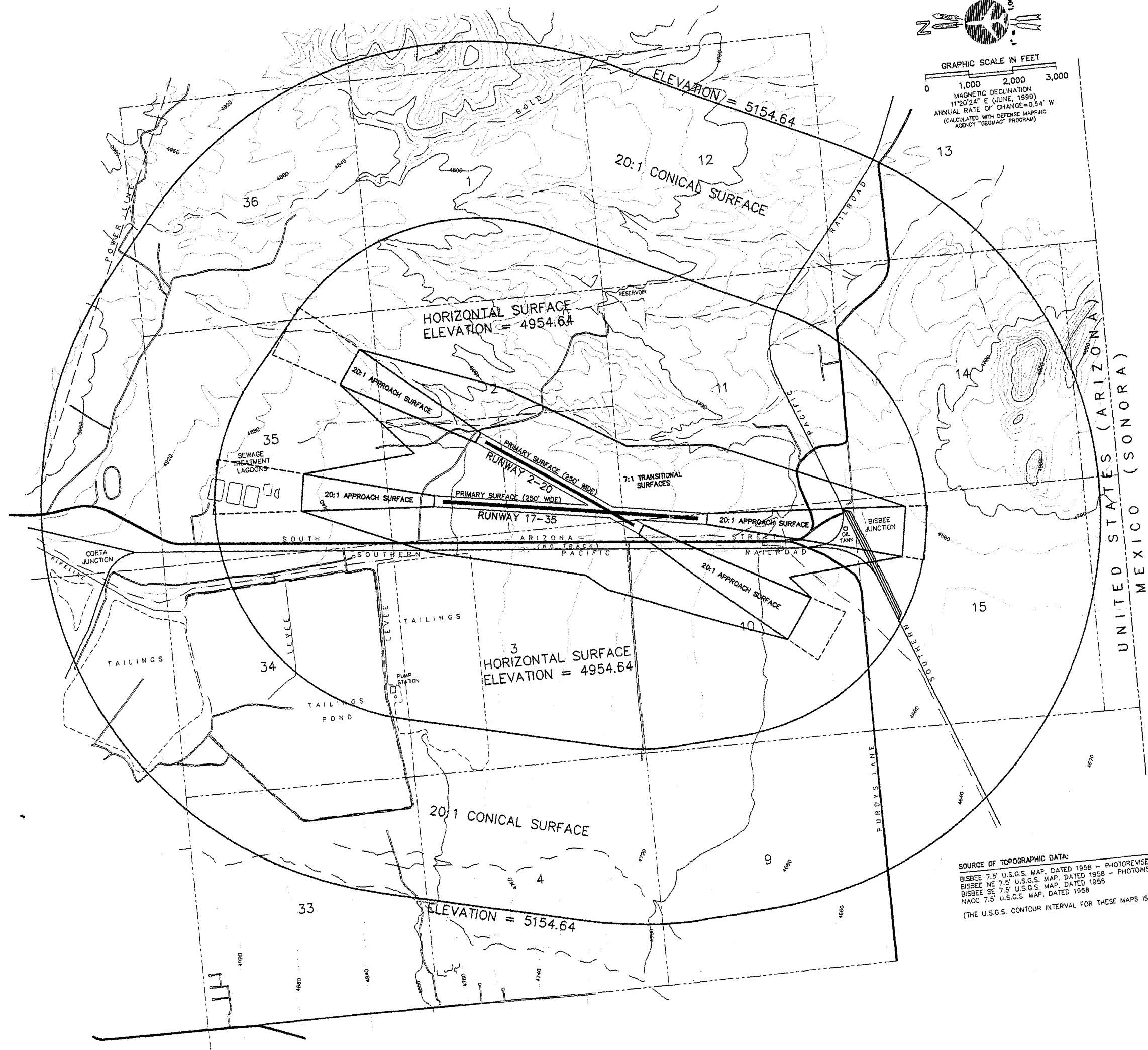
**RUNWAY 1/33 APPROACH PLAN and PROFILE DRAWING
BISBEE MUNICIPAL AIRPORT
Bisbee, Arizona**

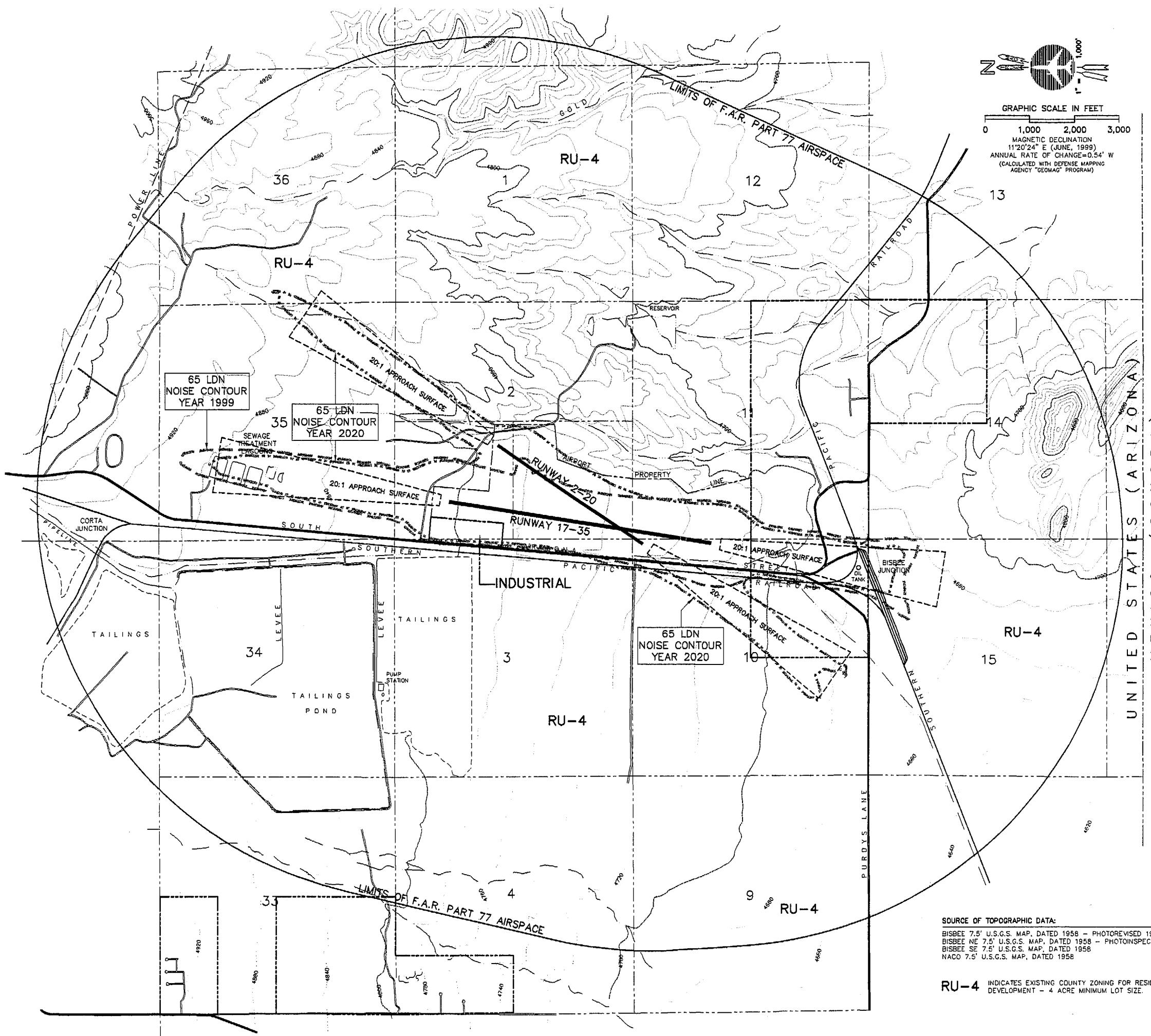
SHEET 4 OF 8

1

ROBERT C. TILLA and ASSOCIATES
AVIATION PLANNERS
and
Gannett Fleming
ENGINNEERS AND ARCHITECTS





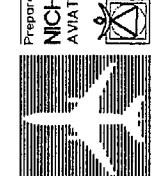


DATE OF DRAWING: SEPTEMBER 25, 2000
PLANNER John G. S. 09 / 25 / 00
ENGINEER B. M. J. 00 / 25 / 00
SHEET 7 OF 8

APPROVED AIRPORT LAND USE DRAWING BISBEE MUNICIPAL AIRPORT

BISBEE MUNICIPAL AIRPORT
Bisbee, Arizona

Prepared by:
NICHOLAS J PELA and ASSOCIATES
AVIATION PLANNERS
and
Gonneff Consulting
ENGINEERS AND PLANNERS



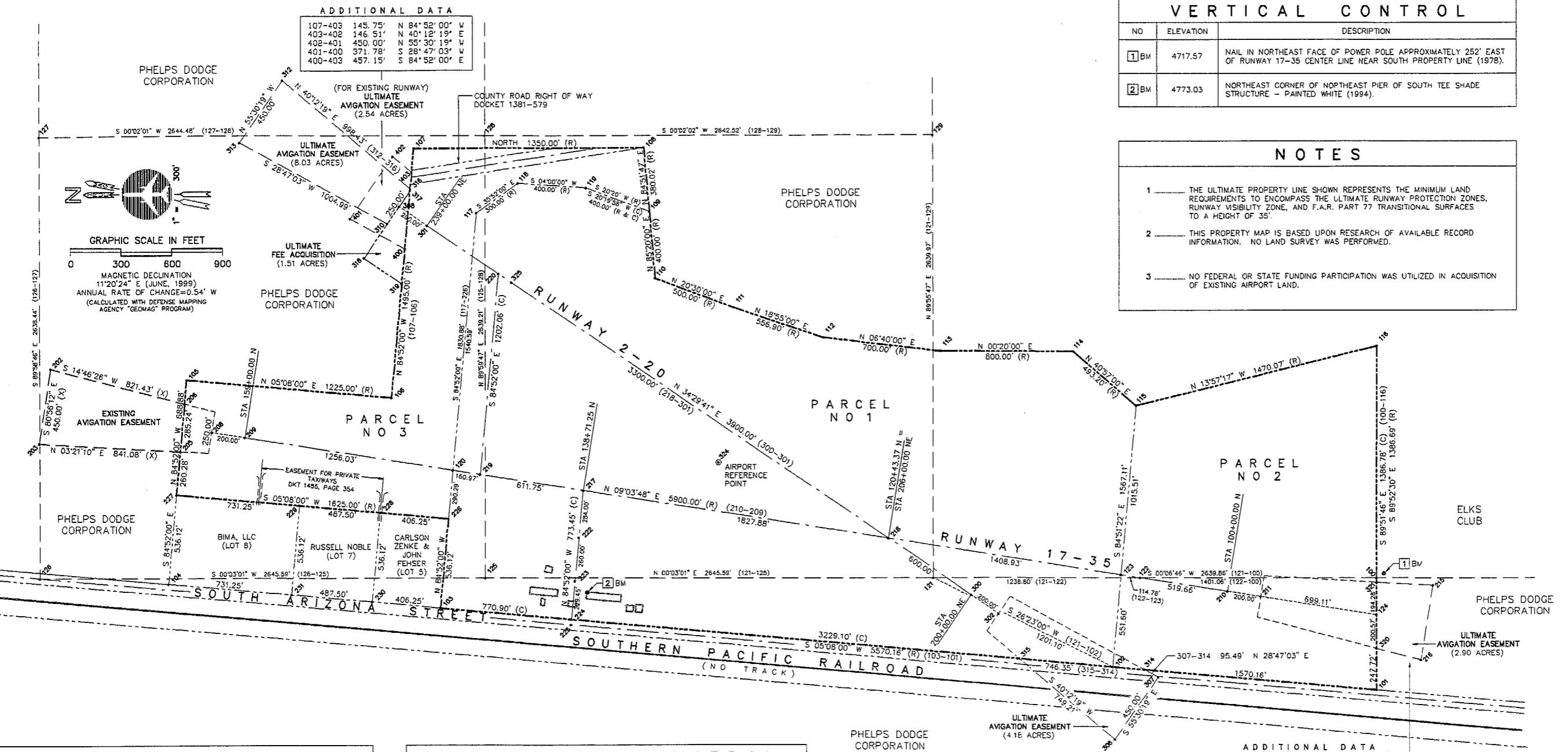
LAND INVENTORY and CONTROL MAP BISBEE MUNICIPAL AIRPORT

Bisbee, Arizona

MUNICIPAL Ali
Bisbee Arizona

MICHIGAN
Bisbee Arizona

PLANNER John Doe 09 / 25 / 04
ENGINEER Ronald Doe 09 / 25 / 04
SWEET 09 / 25 / 04



HORIZONTAL CONTROL					
NO	NORTH	EAST	DESCRIPTION		
100	10000 0000	10000 0000	W4 CORNER SEC 11 T24S R24E		
101	10000 0000	9330 9700	EXISTING PROPERTY CORNER		
102	11563 8624	9471 4581	EXISTING PROPERTY CORNER		
103	15547 8191	9829 3531	EXISTING PROPERTY CORNER		
104	17166 3015	9974 7480	EXISTING PROPERTY CORNER		
105	17056 6962	11194 6347	EXISTING PROPERTY CORNER		
106	15836 6094	11065 2294	EXISTING PROPERTY CORNER		
107	15702 8462	11574 2332	EXISTING PROPERTY CORNER		
108	14352 8462	12574 2332	EXISTING PROPERTY CORNER		
109	14318 8205	12195 7395	EXISTING PROPERTY CORNER		
110	14286 2770	11797 0651	EXISTING PROPERTY CORNER		
111	13817 9409	11621 9619	EXISTING PROPERTY CORNER		
112	13291 1185	11441 4190	EXISTING PROPERTY CORNER		
113	12595 8516	11260 1540	EXISTING PROPERTY CORNER		
114	11795 6652	11355 4998	EXISTING PROPERTY CORNER		
115	11423 3602	11032 2564	EXISTING PROPERTY CORNER		
116	9996 6765	11366 7712	EXISTING PROPERTY CORNER		
117	15336 0347	12186 8595	PARCEL CORNER		
118	15092 9199	12362 6298	PARCEL CORNER		
119	14693 8943	12334 7272	PARCEL CORNER		
120	15473 8774	10652 4449	INTERSECTION RVY CL/PARCEL BOUNDARY		
121	12639 8571	10005 1965	NW CORNER SEC 11 T24S R24E		
122	11401 0581	10002 7579	RVY/W LINE SEC 11		
123	11514 4074	10020 6391	INTERSECTION RVY CL/PARCEL BOUNDARY		
124	10000 0000	9779 2643	INTERSECTION RVY CL/PROPERTY LINE		
125	15285 4461	10007 5180	W4 CORNER SEC 2 T24S R24E		
126	17531 0350	10009 8395	NW CORNER SEC 2 T24S R24E		
127	17530 0885	12648 2794	N4 CORNER SEC 2 T24S R24E		
128	15285 6124	12646 7280	CENTER SECTION 2		
129	12643 0952	12445 1645	S4 CORNER SECTION 2		
202	17863 7983	11261 5243	EASEMENT CORNER		
203	17534 6850	10817 1427	EASEMENT CORNER		
205	17095 0446	10767 9536	EASEMENT CORNER		
206	17069 5227	11052 0543	EASEMENT CORNER		
208	16911 7268	10881 8074	RVY 17 CL AT RPZ		
209	16714 2239	10850 3021	RVY 17 THRESHOLD		
210	10887 8864	9820 8879	RVY 35 THRESHOLD		
211	10650 3835	9889 3927	RVY 35 CL AT RPZ		
215	9667 4253	9854 0574	EASEMENT CORNER		
216	9738 3120	9509 6757	EASEMENT CORNER		

HORIZONTAL CONTROL					
NO	NORTH	EAST	DESCRIPTION		
217	14710 8032	10530 7210	INTERSECTION RHY 17-35/TWY A-3		
218	12905 7446	10242 7821	RHY/RWY INTERSECTION		
219	15314 9154	10627 0976	INTERSECTION RHWY 17-35/DIRT TWY		
220	15207 3624	11824 3281	INTERSECTION RHWY 2-20/DIRT TWY		
222	14736 2137	10247 8601	TWY A-3 APRON CONTROL POINT		
223	14759 4769	9988 9029	TWY A-3 APRON CONTROL POINT		
224	14780 0063	9760 3774	TWY A-3 APRON CONTROL POINT		
225	14782 9589	9727 5097	HIGHWAY CONTROL POINT (CALC)		
226	15499 8504	10363 3225	PARCEL CORNER		
227	17118 3326	10506 7177	PARCEL CORNER		
228	15504 4710	10399 6716	PARCEL CORNER		
229	16390 G156	10443 2900	PARCEL CORNER		
230	15952 4397	9665 7018	PARCEL CORNER		
231	16437 9844	9909 3803	PARCEL CORNER		
300	12411 2376	9902 9839	ULTIMATE THRESHOLD RWY 02		
301	15625 5332	12111 6722	ULTIMATE THRESHOLD RWY 20		
302	12242 4019	9789 7179	EASEMENT CORNER		
306	11545 6475	9037 9474	EASEMENT CORNER		
307	11294 7992	9408 8277	EASEMENT CORNER		
308	15790 3685	12224 9386	EASEMENT CORNER		
310	15661 1601	12121 9159	EASEMENT CORNER		
312	16487 1229	12976 7087	EASEMENT CORNER		
313	16741 9715	12605 8264	EASEMENT CORNER		
314	11378 4867	9454 8051	EASEMENT CORNER		
315	12121 9470	9521 5841	EASEMENT CORNER		
316	15724 5893	12332 1965	EASEMENT CORNER		
317	15725 7808	12318 9330	EASEMENT CORNER		
318	15999 9111	11191 9922	ULTIMATE PROPERTY CORNER		
319	15775 4736	11765 7711	ULTIMATE PROPERTY CORNER		
320	10000 0000	9578 6893	EASEMENT CORNER		
321	10000 0000	9973 5407	EASEMENT CORNER		
322	13801 0552	10385 6000	RHWY 17-35 MIDPOINT		
323	14016 3854	11007 3281	RHWY 2-20 MIDPOINT (EXISTING & ULTIMATE)		
324	13909 7203	10696 4641	ARP - EXISTING AND ULTIMATE		
325	15131 0262	11771 8740	EXISTING THRESHOLD RHWY 20		
400	15756 7900	11973 7503	EASEMENT CORNER		
401	16082 6289	12152 7642	EASEMENT CORNER		
402	15827 7802	12523 6444	EASEMENT CORNER		
403	15715 8868	12425 0694	EASEMENT CORNER		

(4.16 ACRES)	ADDITIONAL DATA		
	101-320	247.72'	WEST*
	320-216	270.64'	S 14° 46' 26" W
	216-215	450.00'	S 80° 56' 12" E
	215-321	333.14'	N 03° 21' 10" E
	321-320	394.85'	WEST*
	321-100	26.46'	EAST*
	101-100	669.03'	EAST

LEGEND	
<input checked="" type="checkbox"/> BM	INDICATES EXISTING BENCH MARK LOCATION (SEE VERTICAL CONTROL TABLE)
<input checked="" type="checkbox"/> HB	INDICATES HORIZONTAL CONTROL POINT (SEE HORIZONTAL CONTROL TABLE)
(R)	INDICATES RECORD BEARING AND DISTANCE FROM "BISBEE MUNICIPAL AIRPORT PROPERTY MAP", DATED 3/2/76 (REVISED 3/30/79), BY ELLIS, MURPHY, HOLGATE & JOHNSON
(X)	INDICATES CORRECTED RECORD BEARING AND DISTANCE FROM "BISBEE MUNICIPAL AIRPORT PROPERTY MAP", DATED 3/2/76 (REVISED 3/30/79), BY ELLIS, MURPHY, HOLGATE & JOHNSON.
(C)	INDICATES CALCULATED BEARING AND/OR DISTANCE (DISTANCES AND BEARINGS WITH NO "C", "X" OR "R" DESIGNATION ARE ALSO CALCULATED)
— — —	INDICATES EXISTING AIRPORT PROPERTY LINE
— — —	INDICATES ULTIMATE MINIMUM LAND ACQUISITION LINE (ULTIMATE PROPERTY LINE)
— — —	INDICATES ULTIMATE MINIMUM AVIGATION EASEMENT ACQUISITION LINE